## What is claimed is:

1	1.	A shield assembly for a connector that is connected to a port of a chassis, a		
2	cable extending from the connector, the shield assembly comprising:			
3		a cover defining a chamber to enclose the connector;		
4		an attachment mechanism adapted to attach the cover to the chassis; and		
5		a cable engagement body having an opening with a width less than a width		
6	of the chamber, the opening adapted to surround an outer surface of a portion of the			
7	cable.			
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1	2.	The shield assembly of claim 1, wherein the cover is formed of an		
2	electrically conductive material.			
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1	3.	The shield assembly of claim 1, wherein the cable engagement body		
2	comprises a neck portion extending from the cover.			
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1	4.	The shield assembly of claim 1, wherein the cable engagement body is		
2	integrally formed with the cover.			
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1	5.	The shield assembly of claim 4, wherein the cable engagement body has		
2	an outer width that is less than an outer width of the cover.			
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1	6.	The shield assembly of claim 1, wherein the cable engagement body		
2	comprises an inner surface defining the opening, and wherein the width of the opening is			
3	substantially the same as a width of the cable to enable the inner surface of the cable			
4	engagement body to contact an outer surface of the cable.			
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1	7.	The shield assembly of claim 6, wherein the cable engagement body is		
2	formed at least in part of an electrically conductive material to enable the cable			
3	engagement l	engagement body to be capacitively coupled to a shield of the cable.		

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the predetermined length.

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- 1 8. The shield assembly of claim 6, wherein the cable engagement body 2 comprises an electrically conductive element adapted to pierce through an outer jacket of 3 the cable to enable electrical connection between the cable engagement body and a shield 4 of the cable. 1 9. The shield assembly of claim 1, wherein the opening has a predetermined 2 length, the opening adapted to surround the outer surface of the portion of the cable along
- 1 10. The shield assembly of claim 1, wherein the opening has a cross-sectional 2 shape selected from the group consisting of generally circular, oval, rectangular, and 3 square.
  - 11. The shield assembly of claim 1, wherein the opening has a cross-sectional shape that forms a closed polygon.
  - A connector assembly for mating with a port in a chassis, comprising: a connector having a housing, the connector adapted to mate with the port: a cable extending from the connector; and a shroud adapted to enclose the connector housing, the shroud having an electrically conductive first end to electrically contact the chassis and a cable engagement body having an inner opening to receive the cable, the cable engagement body having an inner surface in contact with an outer surface of the cable.

1 13. The connector assembly of claim 12, wherein cable engagement body 2 comprises a neck portion having an outer width that is less than an outer width of another 3 part of the shroud.

14. The connector assembly of claim 12, wherein the cable comprises a shield and an outer insulating layer, and wherein the inner surface of the cable engagement body is capacitively connected to the cable shield through at least the outer insulating layer.

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1 15. The connector assembly of claim 14, wherein a capacitive impedance is 2 provided between the cable engagement body and the cable shield in response to 3 transmission of a signal at a predetermined frequency in the cable.

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16. The connector assembly of claim 12, wherein the shroud defines a chamber in which the connector is located, the width of the inner opening being less than a width of the chamber.

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- 17. The connector assembly of claim 12, wherein the cable engagement body has a predetermined length, the cable engagement body surrounding a portion of the cable along the predetermined length.
- 18. The connector assembly of claim 12, further comprising an attachment mechanism adapted to attach the shroud to the chassis.
- 19. The connector assembly of claim 18, further comprising an electromagnetic interference gasket in contact with a surface of the shroud to enhance the electrical contact between the shroud and the chassis.
- 20. The connector assembly of claim 12, wherein the cable has an outer insulating jacket and a shield, and the cable engagement body has at least one piercing element protruding from the inner surface of the cable engagement body, the piercing element adapted to penetrate the outer jacket of the cable to electrically contact the cable shield.
- 1 21. The connector assembly of claim 12, wherein the connector comprises one 2 or more contacts contained in the connector housing.
- 1 22. The connector assembly of claim 21, wherein the cable comprises a shield, 2 and wherein the connector housing is electrically contacted to the shield.

shield.

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1	23.	The connector assembly of claim 21, wherein the cable has an outer	
2	shield, the inner surface of the cable engagement body being in electrical contact with the		
3	outer shield.		
1	24.	A method of reducing electromagnetic interference, comprising:	
2		providing a connector having a housing;	
3		electrically contacting the connector housing to a shield of a cable;	
4		enclosing the connector within a shroud; and	
5		contacting an inner surface of a portion of the shroud to an outer surface of	
6	the cable extending from the connector.		
1	25.	The method of claim 24, further comprising:	
2		communicating a signal at a predetermined frequency in the cable; and	
3		providing a capacitive impedance between the shroud portion and the	
4	cable shield to reduce electromagnetic leakage.		
1	26.	The method of claim 24, wherein contacting the inner surface of the	
2	shroud portion to the outer surface of the cable comprises contacting the inner surface to		
3	the cable shield.		
1	27.	The method of claim 26, wherein contacting the cable shield comprises	
2	penetrating, with a piercing element, an outer jacket of the cable, the piercing element		
3	being electrically conductive to electrically connect the shroud portion and the cable		

1 28. The method of claim 26, further comprising removing at least a portion of 2 an outer jacket of the cable to enable the shroud portion to contact the cable shield.

1	29.	A system comprising:	
2		a chassis having a structure defining a port;	
3		a connector adapted to mate with the port;	
4		a cable extending from the connector, the cable having a shield, the	
5	connector hav	ring a housing electrically contacted to the structure and the shield; and	
6		a shroud enclosing the connector.	
1	30.	The system of claim 29, wherein the shroud has a portion defining a bore	
2	surrounding an outer surface of the cable.		
1	31.	The system of claim 30, wherein a capacitive connection is provided	
2	between the shroud portion and the cable shield.		
1	32.	The system of claim 31, wherein the shroud portion comprises a neck	
2	portion.		